Angelina Quick Start Guide

TouchTunes

901031-001 Rev 00 January 2018

This guide is an overview of the Angelina jukebox installation process. For a complete copy of the *Angelina Installation and Setup Guide* (P/N 901029-001 for payment models and P/N 901072-001 for the Free to Patron model), visit the TouchTunes Tempo site at https://tempo.touchtunes.com.

About this Guide

This manual refers to the following models:

- Angelina 700784-002 (US payment model)
- Angelina 700789-001 ("Free to Patron" model)
- Angelina 700791-001 (CA payment model)

IMPORTANT SAFETY INFORMATION

Read this important safety information before proceeding with product installation.

- READ THESE INSTRUCTIONS.
- KEEP THESE INSTRUCTIONS.
- HEED ALL WARNINGS.
- FOLLOW ALL INSTRUCTIONS.

The Lightning Flash with arrow head symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product enclosure that may be of sufficient magnitude to constitute a risk of shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING: Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.

DO NOT USE THIS APPARATUS NEAR WATER.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, THIS APPARATUS SHALL BE CONNECTED TO A MAINS SOCKET OUTLET WITH A PROTECTIVE EARTHING CONNECTION.

TO COMPLETELY DISCONNECT THIS APPARATUS FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE.

THE MAINS PLUG OF THE POWER SUPPLY CORD OR APPLIANCE COUPLER SHALL REMAIN READILY ACCESSIBLE.

WARNING: The speaker output of this unit can exceed 10 Watts and could cause a shock injury. Connection to speakers should be performed by a skilled person in compliance with local building codes. Class 2 wiring is required for speaker cables. Use of external speakers outside the ratings stated at the speaker jack may result in a shock injury or damage to the unit, or equivalent.

CAUTION: Do not use Angelina immediately after transferring the unit from a cold place to a warm place as condensation may have occurred on internal components. Wait for the unit to reach room temperature before using it.

IMPORTANT: See product enclosure for safety-related markings.

No serviceable parts inside, please contact TouchTunes Customer Support for service.

Clean only with dry cloth.

Do not block any ventilation openings. Install in accordance with the manufacturers instructions.

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

Only use attachments/accessories specified by the manufacturer.

Unplug this apparatus during lightning storms or when unused for long periods of time.

CAUTION

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To disconnect this apparatus unplug from the mains plug, access to the mains plug should be readily accessible after the installation.

Care should be taken when disposing of batteries to ensure there is no environmental impact. Refer to your federal guidelines for the proper disposal methods.

WARNING: Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire, or the like.

Use only with the bracket specified by the manufacturer or sold with the apparatus.

IMPORTANT: Additional electrical and safety requirements appear on the Angelina product labels located at the bottom of the rear enclosure and on the back of the payment model jukebox.

IMPORTANT: Additional electrical and safety requirements appear on the Angelina product labels located inside the door near the locking mechanism and on the back of the “Free to Patron” model jukebox.

WARNING: The console is not secured to the wall until the pivot latches are in the vertical (locked) position.

WARNING

To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions.

Steps

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- Step 2: Unpack Angelina (page 2)
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Note: Locations where an Angelina jukebox is installed are required to comply with general Americans with Disabilities Act (ADA) guidelines, including those governing accessible routes and protruding objects. Because locations have different floor plans, TouchTunes does not address these issues in this Guide.

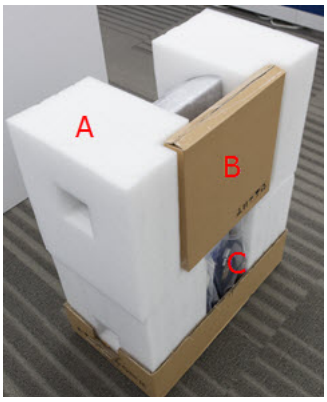
Step 1: Move Angelina to its mounting location

Move the crate as close as possible to the intended mounting location.

Do not slide or drag an uncrated Angelina along the floor!

Step 2: Unpack Angelina

a) Remove the top cover.



A Top of foam packaging

B Wall bracket package

C Accessory kit

b) Remove the wall bracket package and set it aside.

c) Remove the Accessory kit.

d) Remove the top halves of the foam packaging.

e) Open the top of the bag protecting Angelina and pull down until the back of the jukebox is fully uncovered.

Step 3: Wall Mount Angelina

Important: When installing in a location where there is an intersecting wall to the left, ensure that you allow at least 15 inches of clearance between the wall and the Angelina jukebox to allow free movement of the door and prevent it from being damaged. **Never** install Angelina in a recessed area, as this will interfere with the natural airflow for cooling the unit.

TouchTunes recommends installing a sheet of plywood (16"W x 16"H x ½"D) behind the drywall directly behind the area for Angelina's wall bracket. This will ensure adequate support for the jukebox.

1. On the wall where Angelina is to be installed, measure 62 inches from the floor and mark the measurement.

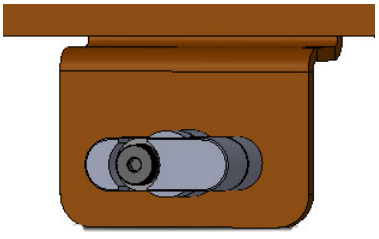
2. Install the wall bracket:

   a) Install a screw on the wall, at 62 inches from the floor, in the horizontal center of the area where you will install Angelina. With enough of the screw protruding from the wall, hang the wall bracket onto the screw using the top-center hole.

   b) Using the spirit level located on the top part of the bracket, ensure that the bracket is level, then fasten it to the wall using screws and washers according to your local regulations ensuring that the wall bracket will be able to support Angelina's weight. The following is an example only.

3. Cut an access hole in the drywall / plywood. This access hole is used to run the AC (C13 to 5-15P) cable, speaker wires, and network cable to the inside of the jukebox. Note that the AC cable comes pre-routed.
4. Identify the receptacles on the rear of the Angelina jukebox. The receptacles fit onto the flange hooks on the wall bracket.

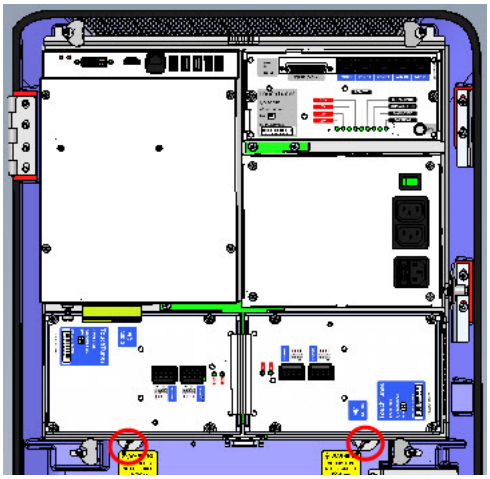
5. Make sure that the 2 pivot latches located at the bottom of the wall bracket are in the horizontal (unlocked) position.



IMPORTANT: The Angelina jukebox can cause injury if lifted incorrectly. TouchTunes recommends at least two people perform the following steps.

6. Using at least two people, lift Angelina so that its top is slightly higher than the top of the wall bracket.
7. Align the receptacles (highlighted in red below) on Angelina with the flange hooks on the wall bracket ensuring that the pivot latches on the bottom of the wall bracket also align with the corresponding openings (highlighted in green below) on the back of the jukebox.

8. Hang the Angelina jukebox on the wall bracket allowing the weight of the unit to set it into position.
9. Locate the key for Angelina and then unlock and open its door.
10. Turn the wall bracket pivot latches to the vertical (locked) position to completely secure the Angelina jukebox to the wall bracket. The holes for the pivot latches are circled in red below.



CAUTION: Angelina is **not** secure until the wall bracket pivot latches are set to the vertical (locked) position.

Step 4: Install the Hard Drive

Note: Angelina uses a SATA hard drive with a red tray. Do **not** attempt to swap your Angelina's hard drive with an IDE drive from another TouchTunes jukebox model, as you can incur damage to the jukebox.

1. Ground yourself by touching an exposed piece of metal in the Angelina case.
2. Ensure that the computer is powered OFF at the switch on the power supply.
3. Locate the hard drive for Angelina.

   The hard drive and its enclosure are shipped separately from the main Angelina hardware.
4. Align the hard drive enclosure with its slot on the left-side under-panel of the computer.
5. Insert the hard drive enclosure in the slot and then gently push the enclosure in until it is completely seated.

6. Using your fingers, push in and then tighten the thumb screw (clockwise) on the hard drive tray until the thumb screw is **securely** tightened.
7. Test whether the hard drive is firmly seated by pulling out firmly on the handle of the hard drive tray.

   The hard drive is secured properly when:

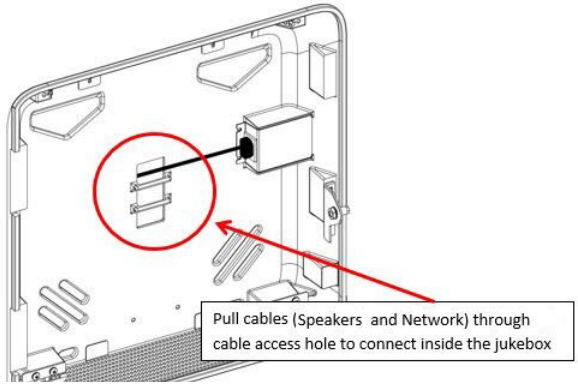
   - The thumb screw is completely compressed and covered by the cowl head of the thumb screw.
   - There is no gap between the edge of the hard drive tray and the computer.
   - There is no play between the hard drive and the computer when you pull outward on the handle of the hard drive tray.

Step 5: Access the Cable Channel

The Angelina jukebox is designed with cable channels that let you route outside cables, such as for telecommunications, to internal jukebox components.

To prepare for cable routing for Angelina:

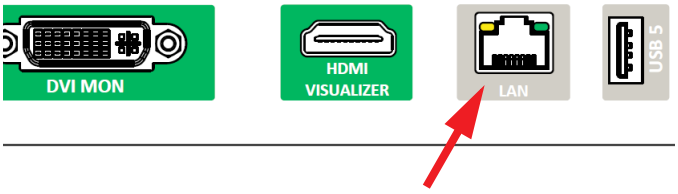
1. Identify the cable channels along the back of Angelina.



Note: Route cables into and out of Angelina only through the provided cable channel openings. Do not route cables through any other openings in Angelina, such as air vents. Otherwise it can overheat and shut itself down.

Step 6: Connect Angelina to the Wired Broadband Network

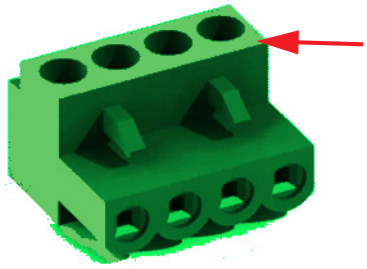
1. Unlock and open Angelina, if it is not already open.
2. Locate the RJ-45 Ethernet cable for the broadband connection.
3. Connect either end of the cable to the broadband modem or router.
4. Route the free end of the cable into Angelina through the cable channel.
5. Connect the free end of the cable to the port labeled **LAN** at the top of the computer.

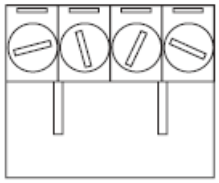


You will later configure the communications settings for the broadband network so that Angelina can contact the TouchTunes server using this connection.

Step 7: Connect Audio Speakers to Angelina

1. Prepare your speaker wires by stripping the ends of the 4 connector wires, exposing approximately 1/4” of wire.
2. Locate the supplied four-slot Euroblock connector.
3. Loosen the screws along the top of the connector using a flat-head screwdriver, if necessary.





Overhead view

4. Wire the ends of the speaker wires to the Euroblock connector using the following figure as a guide.

5. Using a flat-head screwdriver, tighten the screws of the slots to secure the speaker cable to the connector.
6. Attach the Euroblock connector to the connector on the **Zone 1** or **Zone 2** amplifier.
7. Route the free end of the cables out of Angelina through the cable channel.
8. Connect the other end of the cables to the speakers, ensuring that proper polarity is respected. Incorrect connection can result in poor imaging and thin sound.

Step 8: Connect Power to Angelina

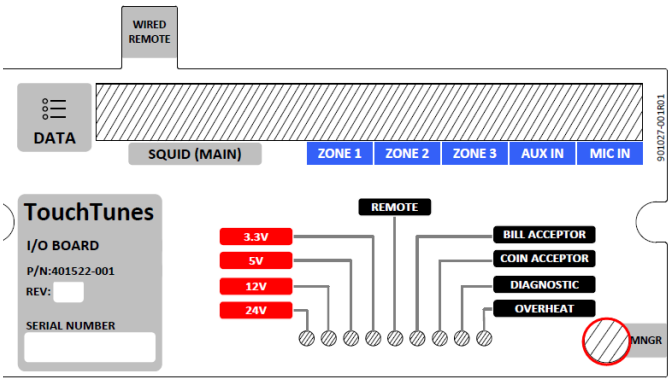
1. Ensure that the AC power cord from the Power Supply Unit (PSU) is plugged into the power strip.
2. Route the female end of the AC power cord from the accessories kit through the right cable channel, and connect that end of the cable to the male power socket on the power bar inside Angelina. Connect the other end of the AC power cord to a properly grounded (3-prong) electrical outlet.
3. Set the rocker switch on Angelina’s power supply unit to on (O).

Rocker switch

Step 9: Activate the Angelina Screen

When you power up an Angelina for the first time, it automatically goes into *night mode*: the computer and other internal components of Angelina are running, but the touchscreen, audio system and lights for Angelina are disabled. Bring Angelina out of night mode and activate its screen before setting it up.

1. Locate and press the **MNGR** button on the I/O Board.



When you press this button, the touchscreen, lights and audio system for Angelina are activated. The Software initialization screen appears indicating that Angelina is starting the initialization process.

You can now use the touchscreen to activate Angelina and configure its settings using the system software.

Step 10: Activate Angelina

Booting the system with a new hard drive can take up to ten minutes, and the screen can be blank for up to 90 seconds during the initialization procedure.

WARNING: It is extremely important that you do not power down or attempt to reboot Angelina during this procedure, or you risk corrupting the hard drive and rendering it unusable.

Activating Angelina involves calibrating the touchscreen, and configuring its settings by following the on-screen instructions.

Calibrate the Touchscreen

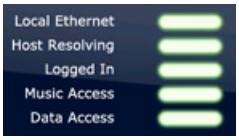
After the software installation process completes, the first calibration screen appears.

Touch the center of the targets that appear on screen until the Settings screen appears.

Select Your Settings

In the settings screens, you select the settings for Angelina, such as primary language, calling window, and type of broadband connection.

After you specify the settings, a Communications Network status LED indicator with activity messages appears.



What the network status LEDs indicate:

- *Local Ethernet*: Indicates whether an Ethernet cable is properly connected to the jukebox and if the jukebox is receiving a signal from it.
- *Host Resolving*: Indicates whether the jukebox is connected to the Internet.
- *Logged In*: whether the jukebox is logged into the TouchTunes server. The jukebox must be able to log into the TouchTunes server to receive activation information and perform transactions, such as returning daily sales information.
- *Music Access*: Indicates whether the jukebox can access music from the TouchTunes server. The jukebox must have music access to download new songs.
- *Data Access*: Indicates whether the jukebox can communicate with TouchTunes server to receive updates from the TouchTunes Tempo site (https://tempo.touchtunes.com). The jukebox must have data access to receive any new settings you may have made to it via the TouchTunes Tempo site.

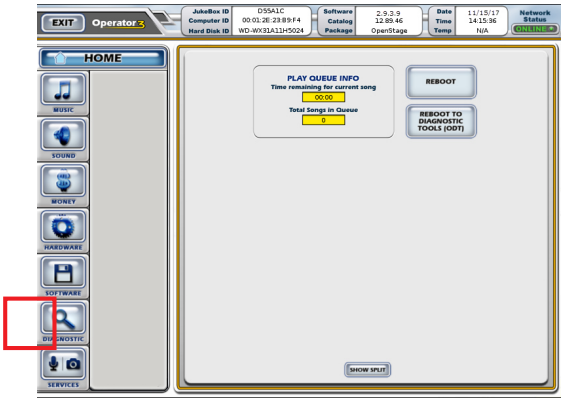
For installation and activation, the jukebox needs the Logged In, Music Access, and Data Access LED indicators to be green. When the jukebox is fully initialized, the Attract screen of the Customer interface appears.

Step 11: Update Software with Call Now

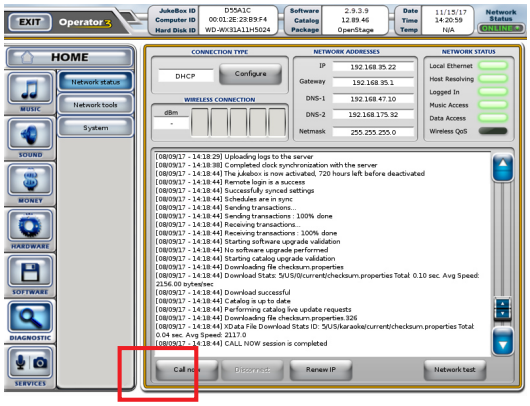
After you activate Angelina, TouchTunes recommends you perform a Call Now to ensure that your jukebox is equipped with the most up-to-date software.

To do so, access the Diagnostic menu of the Operator interface.

1. Press and release the **MNGR** button on the I/O Board. The Operator interface main menu appears.



2. Press the **DIAGNOSTIC** button.



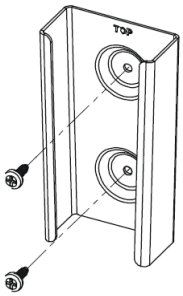
3. Press the **Call now** button at the bottom of the menu. Angelina communicates with the TouchTunes server and downloads the most recent software build.

Step 12: Set Up the Remote Control

The remote control is powered by two 1.5V AAA batteries. Insert the batteries in the compartment on the rear of the remote. Use only high-quality alkaline batteries.

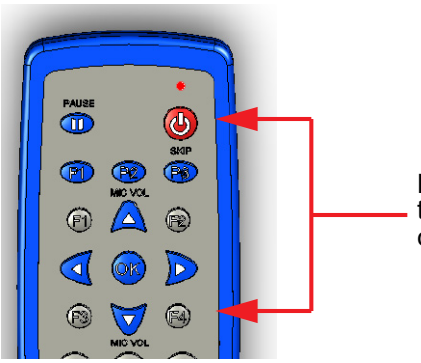
Use the mounting bracket to install the remote control on a wall for easy access.

Fasten the bracket to the wall with two screws as illustrated.



By default, the remote control ID is set to 000. To change the remote control ID:

1. Press and hold the **POWER** and **F4** keys at the same time until the red indicator light blinks twice.

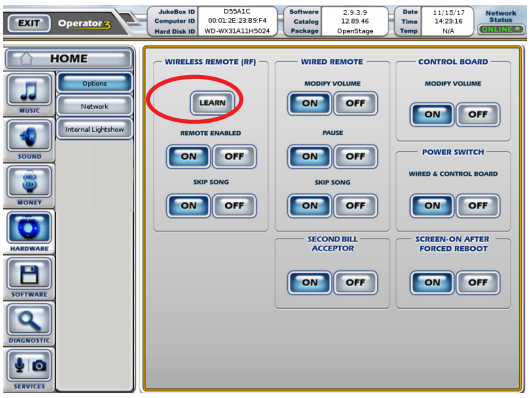


Press and hold to set remote control ID.

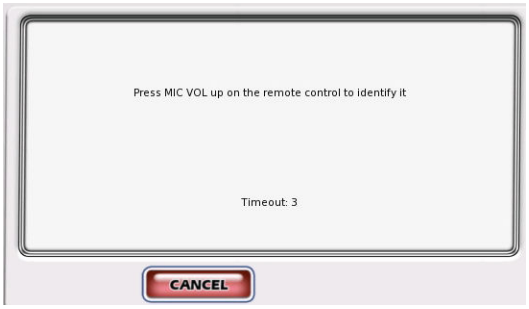
2. Enter the new three-digit code to use. The new code must be in the range **000** to **255**.
3. The red indicator light will light up for three seconds to confirm your selection. If you enter an invalid code, the light will blink five times.

Learn the Remote ID

1. On the Operator interface, open the **HARDWARE > Options** screen.



2. Press the **LEARN** button.
3. Watch the display. When prompted, press the **MIC VOL UP** key on the remote control.



The screen displays a success message and returns to the Options screen.

4. Test the remote by raising and lowering the jukebox volume as it is playing.

Pre-programmed Remote Control Keys

Key	Function
Power	Press to turn the jukebox monitor and audio subsystem on or off. The jukebox computer remains on. Equivalent to pressing the Night Mode button on the jukebox.
Pause PAUSE	Pauses the jukebox.
Numeric keys 0 - 9	Used to program the remote and for future use.
MIC VOL MIC VOL MIC VOL	Raises and lowers the volume of the microphone within the limits set on the Mixer Settings screen.

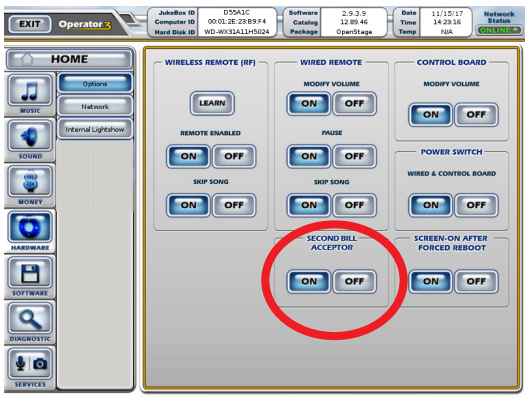
Pre-programmed Remote Control Keys

Key	Function
P1 (P1)	Give promotional credit: Press and release this button to add a credit to the jukebox. Credits are deducted from the promotional credit count. The promotional credit feature is enabled/disabled on the Credit Settings screen.
P2 (P2)	For future use.
P3/Skip SKIP (P3)	Skip song: Quickly press and release to stop playing the current song and immediately skip forward to the next song in the queue. The skip song feature is enabled/disabled on the System Settings screen. Flush play queue: Press and hold this button for four seconds to flush the entire play queue.
VOLUME ZONE 1, 2, 3 (▽) (▽) (▽) ZONE 1 ZONE 2 ZONE 3	Raises and lowers the volume of the selected zone within the limits set on the Sound Mixer screen.
F1, F2, F3, F4 (F1) (F2) (F3) (F4)	For future use.
Left-arrow, right-arrow, OK (◁) (OK) (▷)	For future use.

Step 13: Configure Bill Acceptors

Note: Perform this procedure if you have an optional second bill acceptor installed on an Angelina US payment model jukebox.

1. On the Operator interface, open the **HARDWARE > Options** screen.



From this menu, you can configure Angelina to use two bill acceptors or one. By default, this option is turned **ON**.

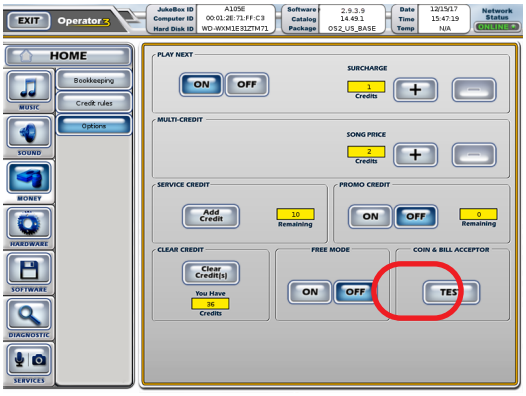
- If Angelina has a single bill acceptor, you must turn this option **OFF**.
- If Angelina has dual bill acceptors, you must ensure that this option is turned **ON**.

Step 14: Test Payment Acceptors

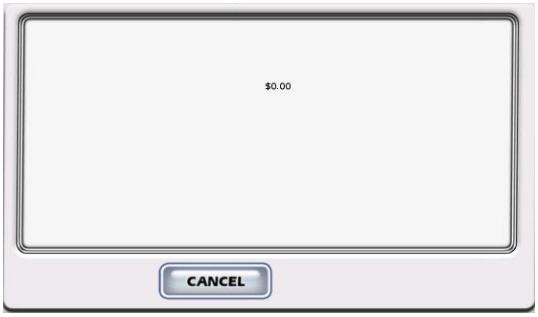
Note: The following applies to payment model jukeboxes only.

To test the bill and coin acceptors:

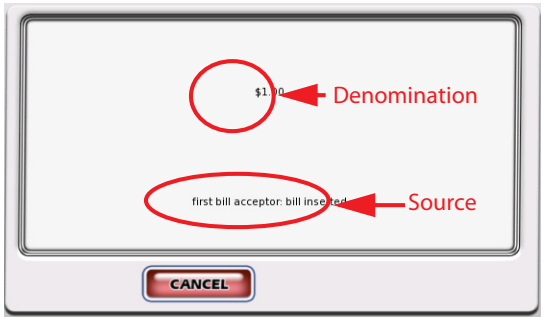
1. On the Operator interface, open the **MONEY > Options** screen.



2. In the *COIN & BILL ACCEPTOR* area, press the **TEST** button.



3. Insert a bill into the bill acceptor.
   The screen refreshes, showing the denomination of the bill that was inserted, and the origin of the bill (first or second bill acceptor).



4. For the Canadian payment model only, insert a coin into the coin acceptor. The screen refreshes, and shows the value of the coin.

Step 15: Reapply Filters and Credit Rules

If you are replacing an existing TouchTunes jukebox with an Angelina jukebox, you must manually apply music filters and credit rules from the old jukebox to the Angelina jukebox if you want such filters and rules to apply to Angelina.

- To configure music filters, select the **MUSIC** Operator menu and then press the **Filters** button.
- To configure credit rules, select the **MONEY** Operator menu and then press the **Credit** rules button.

Configure your settings as required.

Note About Affixing Stickers to Angelina

Angelina's touch screen's bezel-less design means that the entire glass is touch-sensitive — not just the user interface area — and must be kept clear of objects that can interfere with patron interaction and the proper operation of the jukebox.

Never affix stickers, decals, or transfers to the Angelina touchscreen . Doing so can adversely affect jukebox behavior.

If you must apply stickers of a promotional nature or if you want to provide company contact information, TouchTunes recommends that you affix them to the left or right side of the enclosure in order to preserve the aesthetics of Angelina's facade.

You can professionally display the location and your contact information on the Angelina screen by adding it to the Owner profile page and enabling the Owner Profile page to display from Angelina's Operator menu under **SOFTWARE > Location Info**.

Contact Technical Support

If you need help or have questions about this guide, call the TouchTunes 24/7 Service Hotline at 888-338-5853.

To help us assist you more effectively with problem reports, the following information may be required when contacting TouchTunes support:

- Jukebox model and ID
- Operator ID
- Serial number of the component you believe to be defective
- Date/time of the problem
- Actions performed immediately before the problem occurred
- Any additional comments relevant to the problem

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